

VOJTECH BARDOS

The use of suckling white rats in the virological diagnosis of tick-borne encephalitis and equine encephalomyelitis. Acta virol. Engl. Ed. Praha 1 no.3-4:172-179 July-Dec 57.

1. Institute of Epidemiology and Microbiology, Bratislava.  
(ENCEPHALITIS, EPIDEMIC, diag.  
virol. diag. of tick-borne encephalitis using suckling  
rats)  
(ENCEPHALOMYELITIS, EQUINE, diag.  
viro. diag. using suckling rats)

Vojtech, Dello  
Czechoslovakia/Atomic and Molecular Physics - Physics of High Molecular Substances,  
D-9

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34513

Author: Aleksander, Tkac; Vojtech, Dello

Institution: Physical Chemistry Faculty of SVSP, Bratislava, Czechoslovakia

Title: Study of Aging of Natural Latex with the Aid of Infrared Spectroscopy.  
VI. Aging Under the Influence of Heat and Light; Discussion

Original Periodical: Chem. listy, 1955, 49, No 11, 1587-1597; Slovak

Abstract: The infrared-spectroscopy method was used to investigate the heat and light aging of latex, and the mechanism of aging is examined and certain relationships are established between oxidation, changes in structure, and the mechanical properties. The dependence of the velocity of oxidation on the concentration of the oxidation products during thermal and light aging indicates a chain mechanism of the reaction occurring in the rubber. The physical properties of aged latex depend, first of all, on the degree of destruction and a structurization not simply on the quantity of bound oxygen.

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- 1 -

VECERA, M.; VOJTECH, F.; SYNEK, L.

Quantitative organic analysis. XXII. New method for rapid automatic combustion of organic substances; microdetermination of carbon and hydrogen. Coll Cz Chem 25 no.1:93-100 Ja '60. (EEAI 9:12)

1. Forschungsinstitut fur organische Synthesen, Pardubice-Rybitvi.  
(Chemistry, Analytic-Quantitative)  
(Combustion) (Organic compounds)  
(Carbon) (Hydrogen)

Country : CZECHOSLOV.KL.  
Category: Laboratory Equipment. Instrumentation  
Abs Jour: RZhKhim., No 17, 1959, No. 60701  
Author : Vojtech, E  
Inst : -  
Title : Automatic Apparatus for Elementary Analyses  
Orig Pub: Chem. prumysl, 1958, 8, No 12, 633-636

F

Abstract: Presented are diagrams and descriptions of automatic apparatus, developed in Czechoslovakia, for the determination in the organic compound of the following elements: N<sub>2</sub> by the Dumas-Zimmermann method; C and H<sub>2</sub> based on the principle of catalytic combustion; C, H<sub>2</sub>, N<sub>2</sub>, S, and haloids; in the operation on the latest

Card : 1/2

F-9

Country : CZECHOSLOVAKIA  
Category: Laboratory Equipment. Instrumentation

F

Abs Jour: RZhKhim., No 17, 1959, No. 60701

universal type apparatus it is possible to  
test two samples simultaneously. -- Ya. Satu-  
novskiy

Card : 2/2

CZECHOSLOVAKIA/Optics -

K-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 7523

Author : Farsky Vojtech

Inst :

Title : Calculating Procedure in Additive Filtration

Orig Pub : Jemna mech. a opt., 1959, 4, No 3, 74-77

Abstract : A method is described for calculating the modulation of the light flux in additive printing of film copies, based on the analogy of the latter with three-color colorimetry. The calculations are similar to ordinary calculations for color addition.

Card 1/1

VOJTECH, Frantisek

Universal apparatus for micro- and semimicrodetermination of  
C, H, N, S and halogens. Chem prum 13 no.9:473-474 S '63.

1. Vyzkumny ustav organickych syntez, Pardubice - Rybitvi.

VOJTECH, F.

TECHNOLOGY

PERIODICAL: CUMICKY PRIMUL, VOL. 8, no. 12, Dec. 1958

Vojtech, F. Automatic apparatus for elemental analysis. p. 633.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

Fried, Vojtech FRIED

Karel Vojtech

Chemical Abst.  
Vol. 48 No. 8  
Apr. 25, 1954  
General and Physical Chemistry

Liquid-vapor equilibria. IV. General equation relating CH  
the ratio of the activity coefficients to the composition  
of the liquid phase. Eduard Hala, Vojtech Fried, Jiri  
Pick, and Otakar Vilim (Vysoka škola chemicko-technic-  
kej). Czech. Chem. Listy 47, 1274-8X (1953); cf. preceding  
abstr.—Expressions for the ratio of activity coeffs. in binary,  
and ternary systems are derived from the Wohl 4-suffix  
empirical equation. By means of various simplifying as-  
sumptions these expressions are reduced to the equations  
of Scatchard-Hammett, Margules-Redlich-Kister, and to a  
syn. equation. V. Limiting values of the relative vola-  
tilities in two-component systems at high pressures. Ibid.  
1281-4.—A rapid method is given for computing the limiting  
values of relative volatilities at high pressures from iso-  
thermal total-pressure data. Generalized compressibility  
factors of gases and expansion factors of liquids can be used.  
The method reproduces the limiting volatilities of the  
system N<sub>2</sub>-O<sub>2</sub> up to 25 atm. with a max. error of 8%. VI.  
Calculation of liquid-vapor equilibria in two-component  
systems from isobaric  $p_x$  curves. Eduard Hala, Jiri  
Pick, Vojtech Fried, and Otakar Vilim. Ibid. 1417-22.—  
A differential equation for the relative volatilities is derived  
from thermodynamics. This equation can be solved  
numerically or graphically under various assumptions if the  
temp. dependence of the vapor pressures of the pure com-  
ponents and the b.p.- $\alpha_s$ -mole-fraction curve of the binary  
mixt. are known. For the system CCl<sub>4</sub>-Me<sub>2</sub>CO, calcd.  
results agree with exptl. data. VII. Calculation of liquid  
vapor equilibria in two-component systems from isothermal  
 $p_x$  curves. Eduard Hala, Vojtech Fried, Jiri Pick, and  
Otakar Vilim. Ibid. 1423-7.—An analogous expression  
for the relative volatilities is derived as in part VI, applicable  
to isothermal total pressure dependence on compn. of the  
liquid phase. Generalized compressibility factor of gases  
and expansion factor of liquids can be used. Application  
of the method to the system CHCl<sub>3</sub>-EtOH gives very good  
results. VIII. A new flow equilibrium still for the de-  
termination of liquid-vapor equilibria. Otakar Vilim, Edu-  
ard Hala, Vojtech Fried, and Jiri Pick. Ibid. 1503-7.—A  
new app. for the medium- and low-pressure ranges is de-  
scribed. One detn. takes 10-15 min. and requires 50-100  
ml. of sample. Results obtained on H<sub>2</sub>O-AcOH and Me<sub>2</sub>CO.

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*EDUARD HÁLA*

cumene mixts. agree with the published data. With the cumene-PhOII system thermodynamically consistent data ( $\log(\gamma_1/\gamma_2)$  vs. mole fraction curve) were obtained. A modification of the Williams manostat (C.A. 41, 4088c) for higher pressures with precision up to 0.01 mm. Hg is described. IX. The system butanol-butyl methacrylate-butyl  $\alpha$ -hydroxyisobutyrate at low pressures. Jiff Pick, Vojtěch Friedl, Eduard Hála, and Otakar Vilím. *Ibid.* 17(10-7).—In the pressure range of 20–60 mm. Hg, the b.ps. of the pure compds. and their binary mixts. were detd. and expressed by the Calingaert-Davis equation. From these data the compns. of the vapor phase at 50 mm. Hg in the 3 binary systems were calcd. The compn. dependence of the activity coeffs. in the ternary system was calcd. by means of the van Laar equation and expressed graphically. The phys. consts. are: Bu methacrylate  $n_{D}^{20}$  = 1.4241,  $d_{40}^{20}$  = 0.8951; Bu  $\alpha$ -hydroxyisobutyrate  $n_{D}^{20}$  = 1.4175,  $d_{40}^{20}$  = 0.9508, b.p. = 185.00°. E. Erdős

*2/2*

VOTIVEA, FRIED

Liquid-vapor equilibria. XI. The system styrene-ethylbenzene-acetic acid at 60°. Otakar Vilim, Eduard Hala, Jiri Pick, and Vaclav Fried. (Vysoká škola chemie, Prague, Czech.). *Chem.-Listy* 48, 989-993 (1954); cf. C.A. 48, 62184. - The equil. compns. in the 2 binary systems and in the ternary system were detd. by means of a flow app. The data were correlated by means of the four-staffix Margules equation and corrected for the assocn. of the HOAc in the vapor phase. A triangular equil. compn. plot is given.

XII. Fractional steam distillation of the system *o*-nitroethylbenzene-*p*-nitroethylbenzene. Otakar Vilim, Eduard Hala, Vaclav Fried, and Jiri Pick. *Ibid.* 1109-13. - The vapor pressures of the pure *o*-nitroethylbenzene (I) and *p*-nitroethylbenzene (II) were detd. from 80° to 150° and expressed by the Calingaert-Davis equation (C.A. 20, 680); the constns. are: I:  $A = 7.8958$ ;  $B = 2.289.0$ ; II:  $A = 7.9523$ ;  $B = 2417.0$ . The vapor-liquid equil. compns. in the I-II system at 100 mm. Hg and in the I-II-H<sub>2</sub>O system at 760 mm. Hg were detd. by means of a flow app. The I-II system behaves ideally. The measurement of a packed-column efficiency shows that the height equiv. to the theoretical plate is independent of the presence of an immiscible liquid (H<sub>2</sub>O). E. Erde.

*MF 62*

VojTECH, GREGOR

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

Author : Wichterle Oto, Gregor Vojtech

Inst : -

Title : Addition of Dienes to Geminal Cyan-Nitroso-Compounds.

Orig Pub : Chem. listy, 1957, No 4, 605-611

Abstract : 2,3-Dimethyl-butadiene-(1,3) (I) does not react with nitrosoisobutane (II). An equimolecular mixture of I and II or a solution of I and II in C<sub>6</sub>H<sub>6</sub> or ether remain unchanged after 3 months or after one year (in a sealed vial). From 200 g 84% HCN (III) and 100 g acetone-oxime are synthesized 35 g alpha-hydroxylamino-isobutyronitrile, MP 100° (from petroleum ether-ether), which in aqueous solution, at about 0°, by saturation with Cl<sub>2</sub>, is converted to alpha-nitro-isobutyronitrile (IV), yield 100%, MP 53°. By shaking a mixture of 215 g cyclohexanone-oxime, 240 ml

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CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

anhydrous III, 15 ml water and 1.5 ml C<sub>5</sub>H<sub>5</sub>N, at a temperature from -10° to +15°, until dissolution takes place within 4-6 days, there is obtained 1-hydroxylamino-cyclohexyl-cyanide (V), yield 97.6%, MP 135-136°. By oxidation of V in 5% HCl with Cl<sub>2</sub> (temperature from -5° to -8° until decolorized) is synthesized 1-nitroso-cyclohexyl-cyanide (VI), yield 93%, MP 37-37.5° (sublimated at 20°/2 mm), monomeric form -- blue crystals, dimeric form -- white powder (does not sublime). I and IV in C<sub>6</sub>H<sub>6</sub> are allowed to stand for 24 hours after which distillation yields the fractions of boiling range 61-92°/3 mm and boiling point 104°/3 mm, from which after 28 days at around 0° is obtained 2-(2-cyan-2-propyl)-4,5-dimethyl-3,6-dihydro-1,2-oxazine, yield 47%, MP 37.5° (from CH<sub>3</sub>OH at -70°). From oily residues are obtained, by steam distillation, alpha-nitroso-isobutyronitrile,

Card 2/

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry .

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

BP 90-91°/40 mm, and a certain amount of tris-(2-cyan-2-propyl)-hydroxylamine, MP 79-80°. Moist IV and butadiene-(1,3) (VII), in C<sub>6</sub>H<sub>6</sub> (20°, 24 hours), form 2-(2-cyan-2-propyl)-3,6-dihydro-1,2-oxazine (VIII), yield 71%, BP 69-69.5°/1 mm, 76-78 /3 mm, n<sup>20</sup>D 1.4689, d<sub>4</sub><sup>20</sup> 1.028. VIII is also formed on allowing 3,6-dihydro-1,2-oxazine (IX) and acetone-cyanohydrin to stand for 5 days, yield 87%. Analogously to VIII is synthesized from dry VI and I the 2-(1-cyan-cyclohexyl)3,6-dihydro-4,5-dimethyl-1,2-oxazine, yield 60%, MP 111.5-112 (from CH<sub>3</sub>CH). If no solvent is used a vigorous reaction takes place and the substance is decomposed with formation of tris-(1-cyan-cyclohexyl)-hydroxylamine (X) which is difficult to isolate. Analogously to VIII is obtained, from moist VI and VII (12 hours), 2-(1-cyan-cyclohexyl)-3,6-dihydro-1,2-oxazine (XI), yiled 81%, BP 155-156°/12 mm, MP 53.5°

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CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

(from CH<sub>3</sub>OH), n<sup>20</sup>D 1.5017, d<sub>4</sub><sup>20</sup> 1.0702, which can also be synthesized by mixing cyclohexanone (XII) with IX and interacting with anhydrous III (7 days at a temperature from -2° to +15°), yield 98%. Analogously to VIII is synthesized, with a yield of 50%, from VI and chloroprene (10°, 7 days) the 5-chlor-XI (XIII), yield 50.3%, BP 149-161°/5 mm, MP 66.5-67 (from CH<sub>3</sub>OH}, which can also be obtained from 5-chlor-IX with XII and anhydrous III (20°, 10 days), yield 99%. On dropwise addition of 1-methoxybutadiene-(1,3) cooled to -20°, to a solution of dry VI in C<sub>6</sub>H<sub>6</sub>, cooled to -15°, and standing of the mixture (5°, 12 hours), there is obtained 2-(1-cyan-cyclohexyl)-3(6?)methoxy-3,6-dihydro-1,2-oxazine (XIV), yield 55%, MP 112-113° (from aqueous alcohol). By mixing tetrahydro-1,2-oxazine with XII and adding after 2 days anhydrous III, there is obtained thereafter (5-15°, 6 days) 2-(1-cyan-

Card 4/

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

cyclohexyl)-tetrahydro-1,2-oxazine, yield 52%, BP 117°/  
/3 mm, MP 43.5° (from CH<sub>3</sub>OH or hexane), n<sup>20</sup>D 1.4869,  
which is also formed on hydrogenation of 10 g XI over Pt  
in CH<sub>3</sub>OH, yield 9.37 g. Analogously a hydrogenation of  
5.55 g XIV produces 5.3 g 2-(1-cyan-cyclohexyl)-3(6?)-  
methoxy-tetrahydro-1,2-oxazine, MP 64-65° (from CH<sub>3</sub>OH).  
On the basis of the results of the present and previous  
researches (see RZhKhim, 1954, 46326) a rule is formula-  
ted concerning the capacity of nitroso-compounds to under-  
go diene-addition: in the aliphatic series the dienophilic  
nature is exhibited only by those nitroso-compounds  
from the nitroso-group of which electrons are drawn off by  
the action of a proximal strongly polar linkage (C-Cl, C≡  
C). An analogous phenomenon is observed in the case of  
aromatic nitroso-compounds, wherein the free pair of

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CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic  
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25211

electrons at N is drawn off as a result of conjugation  
of nitroso-group and aromatic ring.

Card 6/6

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860410019-1

VOSTECH, SAM

APPROVED FOR RELEASE: 03/14/2001

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CZECHOSLOVAKIA

PLEVA, Jan, Doc dr, CSc; VOJTECH, Josef, dr

Kosice (for both)

Brno, Veterinarstvi, No 12, December 1966, pp<sup>560-563</sup>

"Problems of organization and economics of disposing of condemned material in Eastern Slovakia."

HLEDIK, E.; VOJTECH, K.; FOJTIK, F.

Traumatic lung changes following closed thoracic injuries  
Cesk. rentgen. 18 no. 2:116-120 Mr'64.

1. Klinicka zakladna rentgenologicke katedry UDL v Praze  
(vedouci: MUDr. J.Slanina) a Detske chirurgicke oddeleni  
v nemocnici v Praze na Bulovce (vedouci: MUDr. F.Fojtik)

\*

GRANTOVA, H.; VOJTECH, K.; MILEK, E.

Pulmonary form of ornithosis. Cas. lek. cesk. 102 no.15:385-389 12  
Ap '63.

1. Klinika infekcnich nemoci, Praha-Bulovka, prednosta prof. dr.  
J. Prochazka Klinika zakladna rtg katedry UDL, Praha-Bulovka, vedouci  
MUDr. J. Slanina.  
(ORNITHOSIS) (LUNG DISEASES) (OCCUPATIONAL DISEASES)  
(POULTRY)

METYS, Rene; VOJTECH, Karel; KROO, Herman

Roentgen picture of influenzal pneumonie. Cas. lek. cesk. 99 no.28:  
896-900 8 Jl '60.

1. Klinicka zakladna rentgenologicke katedry UDL, vedouci prim. dr.  
Slanina a Infekcni klinika, prednosta prof. dr. J. Prochazka v  
Praze 8-Bulovka.  
(INFLUENZA compl.)  
(PNEUMONIA etiol.)

VOJTECH, Leonard

Cooperation between the Czechoslovak Academy of Sciences and  
Brno higher schools. Vestnik CSAV 72 no.3:345-346 '63.

VOJTECH, M., ira.

Art of publicizing products. Automobil Cz 8 no.1011 O '64.

VOJTECH, Miloslav, inz.

International division of work in the automobile industry.  
Automobil Cz 7 no.10:293-294 O '63.

Vojtech, M., inzo.

International standard for automobile safety belts. Automobil  
Gz 7 no. 3:73-75 Mr 363.

1. Ministerstvo vseobecneho strojirenstvi.

VOJTECH, Miloslav, inz.

Cooperation between the machine industries of the peace camp  
countries. Automobil Cz 6 no.6:161-162 Je '62.

VORECKY, M.; MASTALKA, A.; VOJTECH, O.

Radiochemical isolations. Pts. 2-3. Coll Cz Chem 28 no.3:709-  
715, 743-745 Mr '63.

1. Institut fur Kernforschung, Tschechoslowakische Akademie  
der Wissenschaften, Rez bei Prag.

VOJTECH, Otakar

"Principles of nuclear chemistry" by Vladimir Majer. Reviewed  
by Otakar Vojtech. Chem prum 12 no.7:375 Jl '62.

1. Ustav jadernych vyzkumu.

VOJTECH, O.; BROZEK, V.; NEUMANN, L.

Effect of acetone on the separation efficiency in the chromatographic separation of rare earth by elution with  $\alpha$ -hydroxyisobutyric acid. Coll Cz Chem 27 no.11:2535-2540 N '62.

1. Institut fur Kernbrennstoffe und Radiochemie, Technische Hochschule fur Chemie, Prag.

VOJTECH PUSTEK

Certain considerations on C57 Black strain of leukemic mice. Rozpr.  
Cesk. akad. rada mat. prirod. ved 66 no.10:1-27 1956.

1. Diskuse o praci se konala na schuzi IV. sekce CSAV dne 9. cervna  
1955.

(LEUKEMIA, experimental,  
in mice C57 Black strain (Cz))

~~REF ID: A6500~~

Czechoslovakia/Diseases of Plants. Diseases of Cultivated O-3  
Plants

Abs Jour : Ref Zhur-Biol., No 1, 1958, 1944

Author : Seidel Vojtech

Inst : Not given

Title : Infection of the Apple Tree by Venturia inaequalis and its Control

Orig Pub : Ovocnar a zelinar., 1957, 5, No 5, 134-135

Abstract : No abstract

Card 1/1

PETRU, Miroslav; VOJTECHOVSKA, Milena

On the problem of the occurrence of Saccharomyces in the female genitalia. Cesk.epidem.mikrob.immun. 9 no.1:38-46 Ja '60.

1. Oddeleni pro parazitologii biologicke fakulty Karlovy university v Praze.  
(YEASTS)  
(VAGINA microbiol.)

PETRU, M.; VOJTECHOVSKA, M.

A study of vaginal mycosis. Relation of various species of yeast-like microorganisms to the incidence of microscopic manifestations of vaginitis. Cas. lek. cesk. 104 no.5:  
136-141 5 F'65.

1. Oddeleni pro parazitologii prirodovedecké fakulty Karlovy  
University v Praze (vedouci: ekademik O. Jirovec).

PETRU, M.; VOJTECHOVSKA, M.

Diagnosis of Taeniarhynchus infection using direct swabs in  
the perianal region. Cesk. epidem. 12 no.3:180-183 My '63.

1. Oddeleni pro parazitologii Karlovy university v Praze.  
(TAENIA) (CYSTICERCOSIS) (ANUS)

PETRU, M.; SEIFERT L.; VOJTECHOVSKA, M.; za technicke spoluprace J. Jonasove;

Our experiences with modern anthelmintics. II. Effect of dithiazanine  
on helminths. Cas.lek.cesk 101 no.3:85-87 19 Ja '62.

1. Parazitologicke oddeleni KU v Praze, prednosta akademik O. Jirovec.  
Detske oddeleni OUNZ Praha-jih, prednosta MUDr. L. Seifert. 2. Reditelky  
Detskeho domova v Revnicich (for Jonasove)

(ANTHELMINTICS ther)

CZECHOSLOVAKIA/Microbiology. Hemoglobinophilic Bacteria. Patho-  
genic Fungi and Actinomycetes

F-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62509

Author : Petru Miroslav, Vojtechovska Milena

Inst : -  
Title : On the Classification of Yeast Fungi Discovered in the  
Smear from a Vagina

Orig Pub : Ceskosl. gynaekol., 1957, 22, No 8, 598-602

Abstract : No abstract

Card : 1/1

SEIFERT, L.; VOJTECHOVSKA, M.

Therapy of mixed parasitic infections by an enzymatic preparation  
nematolyt. Cesk. pediat. 14 no.4:339-342 5 Apr 59.

1. II. detska klinika v Praze, predn. prof. dr. J. Houstek. Parasitolog-  
icky ustav akademika Jfrouce v Praze. L. S. Praha XII, Ul. Wilhelma  
Piecka 103.

(ANTHELMINTICS, ther. use,  
nematolyt in mixed infect. in child. (Cz))

PETRU, Miroslav; VOJTECHOVSKA, Milena

Species characteristics of yeasts found in vaginal smears. Cesk. gyn.  
22/36 no.8:598-602 Dec 57.

1. Parasitologicke odd. KU v Praze, prednosta akademik Otto Jirovec.  
(YEASTS

in vaginal smears, classif. (Cz))

(VAGINAL SMEARS

yeasts in, classif. (Cz))

VES/TECHUVAH/MILENA  
PETRU, Miroslva.; VOJTECHOVSKA, Milena.

Mycological findings in the genital organs of gynecological patients;  
research on vaginal mycoses. II. Cas. lek. cesk. 96 no.19:578-582  
10 May '57.

1. Parasitologicky ustav Karlovy university, prednosta akademik Otto  
Jirovec Fragner, Peter. Krajska hygienickoepidemiologicka stanice  
KHN Praha, reditel MUDr L. Hofta K padesatinam akademika Otto Jirovce.  
(FUNFUS DISEASES, diag.

mycol. cultures from vaginal secretions of gyn. patients  
(Cz))

(VAGINA, dis.  
same

VOJTECHOVSKY, Josef, inz.

Adjustment of electric plant boilers for the use of the  
Donets T-coal. Energetika Cz 14 no. 3: 127-131 Mr '64.

1. Organization for Rationalization of Power Engineering  
Enterprises, National Enterprise, Ostrava.

VOJTECHOVSKY, Josef, inz.

Results of operational tests of the combustion of Donets T-coal.  
Energetika Cz 13 no.7:358-362 Jl '63.

1. Organizace pro racionalizaci energetickych zavodu, n.p.,  
Ostrava.

VOJTECHOVSKY, Josef, inz.

Combustion of the Donets anthracite coal. Energetika Cz 13  
no.6:307-310 Je '63.

1. Organizace pro racionalizaci energetickych zavodu, n.p.,  
Ostrava.

CZ/0067/66/000/004/0193/0198

CZECHOSLOVAKIA

AUTHOR: Vojtečhovský, K.; Sourek, J.; Zeman, K.

ORG: Epidemiology and Microbiology Institute, Prague (Ustav epidemiologie a mikrobiologie)

TITLE: Autoradiographic detection of radioisotope  $I^{131}$ -labeled toxoplasma antigen in a precipitating system

SOURCE: Československá epidemiologie, mikrobiologie, imunologie, no. 4, 1966, 193-198

TOPIC TAGS: radioisotope, antigen, autoradiographic detection, toxoplasma gondii, human serum, animal serum, specific gel diffusion, antibody, serum, autoradiography, iodine

ABSTRACT:

An attempt was made to detect *Toxoplasma gondii* antibodies in human and animal sera using Ouchterlony's technique of specific gel diffusion. The results indicated that serum extract from mice was suited for the basic types of precipitation reaction in the antigen-antibody system. This antigen could be labeled with  $I^{131}$  and detected by autoradiography. The use of the autoradiographic technique increased the sensitivity and accuracy of immunochemical analysis in agar gel in some cases. [WA-50; CBE No. 11].

1/1

ACC NR: AP6026989

(4)

SOURCE CODE: CZ/0067/66/000/004/0193/0198

AUTHOR: Vojtechovsky, K.; Sourek, J.; Zeman, K.

ORG: Epidemiology and Microbiology Institute, Prague (Ustav epidemiologie a mikrobiologie)

TITLE: Autoradiographic detection of radioisotope I<sup>131</sup>-labeled toxoplasma antigen in a precipitating system

SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, no. 4, 1966, 193-198

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ABSTRACT:

An attempt was made to detect *Toxoplasma gondii* antibodies in human and animal sera using Ouchterlony's technique of specific gel diffusion. The results indicated that serum extract from mice was suited for the basic types of precipitation reaction in the antigen-antibody system. This antigen could be labeled with I<sup>131</sup> and detected by autoradiography. The use of the autoradiographic technique

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ACC NR: AP6026989

increased the sensitivity and accuracy of immunochemical analysis in agar gel in some cases. [WA-50; CBE No. 11].

SUB CODE: 06/ SUBM DATE: 14Feb65/ ORIG REF: 008/ OTH REF: 011

Card 2/2

EXCERPTA MEDICA Sec 8 Vol 9/7 Neurology Juky 56

2919. PETROVICKÝ O. and VOJTEČHOVSKÝ M. Neurol. Klin. LHKU Praha; Státní psychiat. léčebny Praha-Bohnice. \*Klinický obraz získané toxoplasmosy s neurologického a psychiatrického hlediska. The clinical picture of acquired toxoplasmosis from the neurological and psychiatric point of view ČAS.LÉK.ČES. 1955, 94/34-35 (930-933)

In the Psychiatric Clinic in Prague, 40% of the schizophrenics, psychopaths, oligophrenic patients and those with involution psychosis react positively to toxoplasmin. Only manic-depressive patients show a percentage of 25, corresponding to that of the average population. However, of the patients with exogenous psychosis, in particular those with dementia paralytica, 50% are positive. (Atypical or does double infection lead more easily to cerebral localization?)

Bloch - Doetinchem (XX, 8, 6, 7)

L 12933-66

ACC NR: AP6005693

SOURCE CODE: CZ/0079/65/007/002/0201/0203

12  
B

AUTHOR: Vojtechovsky, M.; Dobersky, P.; Rath, R.

ORG: Institute of Human Nutrition, Prague

TITLE: EEG in obese patients [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 201-203

TOPIC TAGS: EEG, thyroid gland, hormone, brain, man

ABSTRACT: EEG in 200 obese patients was used to assess the effect of a reducing diet. 5 minute ventilation at the start and end of the recording was used as activation. EEG at rest revealed 17% anomalies; during hyperventilation 40% of deviations from normal were found. 26% of the patients had an ideal stable alpha rhythm. 21.5% had abnormal hyperventilation reaction. These abnormalities are 3-4 times greater than standard figures for normal people. In the genesis of the abnormalities, deficiency of thyroxine in the brain plays probably an important role. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 002

Card 1/1 HU

Z

VOJTECHOVSKY, M.

The contribution of hallucinogens to the theory of the etiopathogenesis of endogenic psychoses. Cesk. Psychiat. 61 no.4:257-261 Ag '65.

1. Ustav pro vyzkum vyzivy lidu v Praze.

VOJTECHOVSKA, M.; VOJTECHOVSKY, M.; PETRU, M.

Parasitological problems in mental patients. Cas. lek. cesk.  
95 no.21:559-566 25 May 56.

1. Psychiatricka lecебna v Praze VIII, lek. reditel Dr. Karel  
Dobisek, a Parasitologicky ustav Karlovy university v Praze,  
predn. prof. Dr. Otto Jirovec.

(PSYCHOSES, compl.

parasitic dis., statist. (Cz))

(PARASITIC DISEASES, compl.

psychoses, statist. (Cz))

VOJTECHOVSKY, M.; VINAR, O.; VOTAVA, Z.

New Czech preparation, theadryl, and its use in the treatment  
of psychoses. Cas. lek. cesk. 95 no.50:1384-1385 14 Dec 56.

1. Psychiatricka lecebna UNV hl. mesta Prahy v Praze 8 (red.  
MUDr. Karal Dobisek) Vyzkumny ustav pro farmacil a biochemii  
v Praze (red. Dr. Ing. Blum).

(PSYCHOSES, ther.

alfadryl with 8-chlorotheophylline (Cz))  
(ANTIHISTAMINICS, ther. use

alfadryl in psychoses, with 8-chlorotheophylline (Cz))  
(THEOPHYLLINE, ther. use

8-chlorotheophylline in psychoses, with alfadryl (Cz))

VOJTECHOVSKY, Milos; PETROVICKY, Oldrich

Cerebrospinal fluid in toxoplasmosis. Cesk. neur. 20 no.2:  
73-80 Mar 57.

1. Psychiatricka lecебна UNV, Praha VIII., lekar, reditel  
Dr. Karel Dobisek; hyg. epid. fakulta v Praze XII..  
neurologicka klinika, prednosta prof. Dr. Jan Sebek.

(TOXOPLASMOSIS, compl.

epilepsy, neurasthenia & schizophrenia, CSF in (Cz)  
(EPILEPSY, compl.

toxoplasmosis, CSF in (Cz))

(SCHIZOPHRENIA, compl.

same)

(NEURASTHENIA, compl.

same)

(CEREBROSPINAL FLUID, in various dis.

toxoplasmosis with epilepsy, neurasthenia &  
schizophrenia (Cz))

VOJTECHOVSKY, Milos

Comparative adaptometry and its possible use in psychiatry.  
Cesk. Psychiat. 53 no.2:128-137 Mar 57.

1. Psychiatricka lecебna, Praha 8 - Bohnice.  
(MENTAL DISORDERS  
use of comparative adaptometry in (Cx))

VOJTECHOVSKY, MILOS

VYMAZAL, Josef; VOJTECHOVSKY, Milos

Peculiarities in composition of cerebrospinal fluid and blood  
proteins in general paralysis of the insane. Cesk. Psychiat.  
53 no.3:177-188 May 57.

1. Neurologicka klinika KU v Praze, Psychiatricka lecebna v  
Praze 8.  
(PARESIS  
blood proteins & CSF, electrophoretic changes (Gz))

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4807. A PSYCHOSIS CAUSED BY BENACTYZIN INTOXICATION - Vojtěchovský M. Inst. of Human Nutrit., Prague - ACTA PSYCHIAT. SCAND. 1958.  
33/4 (514-518)

HORACKOVA, Eva; MOSINGER, Bedrich; VOJTECHOVSKY, Milos

Square test in determination of concentration of attention in experimental psychosis induced by lysergic acid diethylamide (LSD -25). Cesk. Psychiat. 54 no.4:236-243 Aug 58.

1. Ustav pro vyzkum vyzivy lidu, Praha-Krc. E. H., Platnerska 7, Praha 1.

(PSYCHOSES  
lysergic acid diethylamide -induced, determ. of concentration of attention, square test (Cz))

(LYSERGIC ACID DIETHYLAMIDE, eff.  
induction of psychosis, determ. of concentration of attention, square test (Cz))

(THINKING  
concentration of attention, determ. by square test in lysergic acid diethylamide induced psychosis (Cz))

GROF, Stanislav; VOJTECHOVSKY, Milos

Experimental psychosis following a dose of 200 mg. of benactyzine.  
Cesk. Psychiat 54 no.6:369-376 Dec 58.

1. Psychiatricka lecебna Kosmonosy a Ustav pro vyzivu lidu, Praha  
S. G. Praha XVI. Zubateho 1.

(TRANQUILIZING AGENTS, inj. eff.  
benactyzine-induced psychosis in man (Cz))

(PARASYMPATHOLYTICS, inj. eff.  
same)

(PSYCHOSSES, TOXIC, etiol. & pathogen.  
same)

VOJTECHOVSKY, M.  
VOJTECHOVSKY, M.; ENGEISMANN, F.; VOJTECHOVSKA, M.

Tactile hallucinations imitating parasitic disease. Cas. lek. cesk.  
97 no.3:80-84 Jan 58.

1. Psychiatricka lecебna UNV v Praze 8, lekarsky reditel Dr K. Dobisek.  
Parasitologicky ustav Karlovy university v Praze, prednosta akademik  
Otto Jirovec. M. V., Praha XVI, VI. Vancury 15.

(PARASITIC DISEASES, differ. diag.  
tactile hallucinations, case reports (Cz))

(HALUCINATIONS, differ. diag.  
tactile hallucinations from parasitic dis.,  
case report (Cz))

CZECHOSLOVAKIA/Pharmacology - Toxicology - Tranquillizers.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18557

Author : Vinarova, Milada; Vinar, Oldrich; Vojtechovsky, Milos

Inst : -

Title : The Experiment of Clinical Application of Benactizine -  
a New Remedy for Treatment of Anxiety States.

Orig Pub : Casop. lekaru ceskych, 1958, 97, No 34, 1059-1062

Abstract : In 101 of 106 depressive patients, treatment with benac-  
tyzin (I) induced a considerable improvement of their  
condition. The indications of I application are purely  
symptomatologic. I also acts well on anxiety and depres-  
sion which sometimes develope in treatment of hyperten-  
sion with reserpine. In hysteria I is ineffective. --  
From the author's resume.

Card 1/1

- 20 -

VITEK, V.; RYBANEK, K.; HORAKOVA, Z.; MURATOVA, J.; VOJTECHOVSKY, M.;  
VEJDOVSKY, R.

An attempt at explaining the psychotropic effect of cycloserine  
isomers. Cas. lek. cesk. 104 no. 5:113-124 5 F'65.

1. Vyzkumny ustav experimentalni terapie, interni katedra UDL,  
Praha-Krč (reditel: prof. dr. O. Smahel, DrSc); Vyzkumny ustav  
pro farmacii a biochemii, Praha (reditel: inz. dr. J. Nemecek);  
Ustav pro vyzkum vyzivy lidu, Praha, (reditel: prof. dr. dr.  
J. Masek, DrSc.) a Oddeleni tbs pri Thomayerove nemocnici,  
Praha-Krč (vedouci: MUDr. K. Prosek).

VITEK, V.; RYSANEK, K.; VOJTECHOVSKY, M.

Effect of benactyzine on serotonin metabolism. Acta physiol. polon.  
10 no.2:273-274 Mar-Apr 59.

1. Z Oddzialu Doswiadozalnej Terapii Instytutu Zywienia a Zakladu  
Chorob oraz Wewnetrznych Dokształcania Lekarzy w Pradze.

(TRANQUILLIZING AGENTS, eff.

benactizine on serotonin metab. (Pol))

(PARASYMPATHOLYTICS, eff.

same)

(SEROTONIN, metab.

eff. of benactyzine (Pol))

VOJTECHOVSKY, M.; VITEK, Vl.; RYSANEK, K.; BULTASOVA, H.

Hallucinations and psychotic effects of large doses of benactyzine.  
Acta physiol. polon. 10 no.2:274-276 Mar-Apr 59.

1. Z Zakladu Wyzszej Czynnosci Nerwowej Instytutu Zywienia w Pradze i  
Pracowni Doswiadczałnej Terapii Oddzialu Wewnetrznego Instytutu Dokształ-  
czenia Kadra Lekarskich w Pradze.

(TRANQUILIZING AGENTS, eff.

benactyzine inducing hallucinations & psychotic disord.  
in human volunteers (Pol))

(BARASYMPATHOLYTIC DRUGS, eff.

same)

(HALLUCINATIONS, exper.

benactyzine-induced in human volunteers (Pol))

BULITASOVA, H.; GROF, St.; HORACKOVA, E.; KUHN, E.; RYSINEK, K.; VITEK, V.  
VOJTECHOVSKY, M.

Psychopathology and biochemistry of experimental psychoses produced  
by anticholinergic hallucinogens. Cesk.psychiat. 56 no.1:14-23 F '60.  
(HALLUCINOGENS toxicol.)  
(PSYCHOSES TOXIC exper.)

VOJTECHOVSKY, M.

Cholinotropic hallucinogens. II. Cas. lek. cesk. 103 no.16:  
69-73 17 Ap '64.  
1. Ustav pro vyzkum vyzivy lidu v Praze (reditel prof. dr.  
J.Masek, DrSc.).

BULTASOVA, H.; GROF, S.; HORACKOVA, E.; KUHN, E.; RYSANEK, K.; VITEK, V.;  
VOJTECHOVSKY, M.

Psychopathology and biochemistry of experimental psychoses  
induced by anticholinergic hallucinogens. Ideg.szemle 13 no.8:  
225-234 Ag '60.

1. Institut fur experimentelle Therapie in Prag 14. (Vorstand  
Doz. MUDr. O.Smehel) Institut fur Ernahrungsorschung in Prag 14  
(Vorstand Doz. MUDr. J.Masek) Psychiatrische Heilanstalt in  
Kosmonosy (Direktor MUDr. V.Danov)  
(HALLUCINOGENS pharmacol)  
(PSYCHOSES exper)

VOJTECHOVSKY, M.; HORACKOVA, E.; GROF, S.

Experience with blocking experimental LSD-25 psychoses with  
theadryl. Cesk.psychiat. 56 no.1:34-43 F '60.

1. Ustav pro vyzkum vyzivy lidu v Praze-Krci -- Psychiatricka  
lecebna v Kosmonosich.

(PSYCHOSES exper.)  
(LYSERGIC ACID DIETHYLAMIDE)  
(THEOPHILLINE rel.cpds.)  
(ANTIHISTAMINICS pharmacol.)

HORACKOVA, Eva; VOJTECHOVSKY, Milos

Time perception in experimental LSD-25 psychosis. Cesk.psychiat.  
56.no.5:303-309 0'60.

1. Ustav pro vyzkum vyzivy lidu, Praha-Krc.  
(LYSERGIC ACID DIETHYLAMINE pharmaxol)  
(PSYCHOSES exper)  
(TIME PERCEPTION)

VOJTECHOVSKY, Milos; GROF, Stanislav

Similarities and dissimilarities of experimental psychoses caused by LSD-25 and mescaline. Cesk.psychiat.56 no.4:221-233 Ag'60.

1. Ustav pro vyzkum vyzivy lidu, Praha-Krc -- Psychiatricka lecebna, Kosmonosy.

(LYSERGIC ACID DIETHYLAMIDE pharmacol)  
(MESCALINE pharmacol)  
(PSYCHOSES exper)

LANG, Otto; VOJTECHOWSKY, Milos; HORACKOVA, Eva

A new modification of tapping test. Methodological considerations.  
Cesk.psychiat.56 no.5:323-328 0'60.

1. Ustav pro vyzkum vyzivy lidu, Praha-Krc.  
(PSYCHOLOGY equip & supply)

GROF, Stanislav; VOJTECHOVSKY, Milos; VOTAVA, Zdenek

D-lysergic acid diethylamide (LSD) (History, chemistry and pharmacological properties). Cas.lek.cesk. 99 no.29:180-187  
19 Ag'60.

1. Psychiatrické oddelení KUNZ - Praha 3, Klimentová 11, prednosta  
MUDr. O.Kucera. Ustav pro výzkum výzivy lindu, Praha 14, Budejovická  
800, prednosta doc.MUDr. J.Masek. Výzkumný ustav pro farmacii a  
biochemii, ředitel dr.inz. O.Nemecek.  
(LYSERGIC ACID DIETHYLAMIDE)

GROF, Stanislav; VOJTECHOWSKY, Milos; VOTAVA, Zdenek

D-Lysergic acid diethylamide (LSD). 2. Clinical aspects. Cas.lek.  
cesk. 99 no.46:Lek Veda Zahr 245.251; comd. 11 N '60.

1. Psychiatrické oddelení KUNZ - Praha 3, Ustav pro výzkum výzivy  
lidu v Praze, Výzkumný ustav pro farmacii a biochemii v Praze.  
(LYSERGIC ACID DIETHYLAMIDE pharmacol)

GROF, Stanislav; VOJTECHOVSKY, Milos; VOTAVA, Zdenek

Lysergic acid diethylamide. 3. Practical and theoretical problems in  
administration of LSD to human subjects. Cas.lek.cesk 99 no.50 Lek ved  
zahr 276-284 9 D '60.

1. Psychiatrcké oddelení KUNZ Praha 3, Ustav pro výzkum výživy lidu  
v Praze, Výzkumný ustav pro farmacii a biochemii v Praze.

(LYSERGIC ACID DIETHYLAMIDE ther)

VOJTECHOVSKY, M.; HORACKOVA, E.

Comparative studies on the central effect of phenmetrazine, dexamphenmetrazine and psychotone after a single injection in normal volunteers.  
Activ. nerv. sup. 3 no.2:203-205 '61.

1. Ustav pro výzkum výzivy lidu v Praze.

(PHENMETRAZINE pharmacol) (AMPHETAMINE pharmacol)  
(CENTRAL NERVOUS SYSTEM pharmacol)

GROF, S.; VOJTECHOVSKY, M.; VITEK, V.

Comparative effects of domestic and foreign adrenochrome. Activ. nerv.  
sup. 3 no.2:209-210 '61.

1. Ustav pro doskoleni lekaru, Psychiatricka katedra Praha, Ustav  
pro vyzkum vyzivy lidu, Praha 4, Vyzkumnny ustav experimentalni terapie,  
Praha 4.

(ADRENOCHROME pharmacol)

KUHN, E.; VITEK, V.; VOJTECHOVSKY, M.

Energy and lipid, steroid and serotonin metabolism after various  
hallucinogens. Activ. nerv. sup. 3 no.2:212-213 '61.

1. Ustav pro vyzkum vyzivy lidu a Vyzkumný ustav experimentalní  
terapie, Praha.

(HALLUCINOGENS pharmacol) (LIPIDS metab)  
(SEROTONIN metab) (STEROIDS metab)

VITEK, V.; VOJTECHOVSKY, M.; GROF, S.

Serotonin metabolism in experimental psilocybin psychosis. Activ. nerv.  
sup. 3 no.2:213-215 '61.

1. Vyzkumny ustav experimentalni terapie, Ustav pro vyzkum vyzivy lidu  
Praha-Krc a Psychiatricka katedra UDL Praha Bohnice.

(SEROTONIN metab) (INDOLES pharmacol)  
(HALLUCINOGENS pharmacol) (PSYCHOSES exper)

GROF, S.; VOJTECHOVSKY, M.; HORACKOVA, E.

Disorders of associative thinking in various experimental psychoses.  
Activ. nerv. sup. 3 no.2:216-217 '61.

Ustav pro desetkovani lekaru, Psychiatricka katedra, Praha 8,  
Ustav pro vyzkum vyzivy lidu, Praha 4.

(PSYCHOSES exper) (THINKING)

VOJTECHOVSKY, M.; GROF, S.

Anticholinergic hallucinogens in a model of delirium tremens. Activ.  
nerv. sup. 3 no.2:219-220 '61.

1. Ustav pro vyzkum vyzivy lidu, Praha a Ustav pro doskoloovani lekaru,  
Psychiatricka katedra, Praha.

(HALLUCINOGENS pharmacol)  
(PSYCHOSES ALCOHOLIC exper)

Vojteckovsky, M.

Name, given name

Surname: Czechoslovakia

Academic Degrees: Dr

Affiliation: Nutrition Research Institute (Ústav pro výživu vysiv lidu), Prague-Kr.  
Director: docent J. Hrdlicka, MD  
Source: Prague, Václavské náměstí, No 4, Apr 61, pp 413-422

Topic: "Therapy Curves in Headaches and Peptic Ulcer Cases."

Co-authors:

Jan, M., Nutrition Research Institute, Prague.

KALINOVSKÝ, M.

KRÁLOVSKÝ, H.

PUDINA, J.

VOJTECHOVSKY, M., HORACKOVA, E.; KUHN, E.; se statistickou spoluprací inz.  
ZVOLANKOVÉ, K.

Neuroticism in peptic ulcer. Cas. Lek. Cesk. 101 no.5:142-149 2 F '62.

1. Ustav pro vyzkum vyzivy lidu, Praha, reditel doc. Dr. MUDr.

J. Masek.

(PEPTIC ULCER psychol) (NEURÓSES)

KUHN, E.; VOJTECHOVSKY, M.; HORACKOVA, E.

Effect of sleep therapy on body weight changes. Activ. nerv. sup. 4  
no.2:176-177 '62.

1. Ustav pro vyzkum vyzkivy lidu, Praha.

(SLEEP ther) (BODY WEIGHT)

VITEK, V.; RYSANEK, K.; VOJTECHOVSKY, M.; SKALA, J.

New findings on the psychotropic activity of alcohol. Activ. nerv.  
sup. 4 no.2:201-202 '62.

1. Vyzkumny ustav experimentalni terapie, Interni katedra ULD, Ustav  
pro vyzkum vyzivy lidu, Praha-Krc a Psychiatricka klinika, protial-  
koholni oddeleni, Praha.

(ALCOHOL ETHYL pharmacol)  
(CENTRAL NERVOUS SYSTEM pharmacol)

KUHN, E.; VOJTECHOVSKY, M.; HORACKOVA, E.; KRAUSOVA, J.; VAVRINKOVA, H.

Reflection of emotions in fat metabolism. Activ. nerv. sup. 4 no.2:  
175-176 '62.

1. Ustav pro vyzkum vyzivy lidu, Praha.

(FATS metab) (EMOTIONS)

RYSANEK, K.; VITEK, V.; VOJTECHOVSKY, M.; KUHN, E.

Biochemical studies on pharmacodynamics of new Czechoslovakian synthetic compounds releasing serotonin. Activ. nerv. sup. 4 no.2: 203-204 '62.

1. Interni katedra UDL, Vyzkumny ustav experimentalni terapie a Ustav pro vyzkum vyzivy lidu, Praha-Krc.

(SEROTONIN physiol)

GROF, P.; SVITAVSKA, E.; VOJTECHOVSKY, M.

Pharmacological influence on experimental emotional disorders caused  
by large doses of Dexphenmetrazine. Activ. nerv. sup. 4 no.2:213 '62.

1. Psychiatricka lecebna Horni Berkovice, Ustav pro vyzkum vyzivy  
lidu, Praha.

(PHENMETRAZINE toxicol) (EMOTIONS)  
(PSYCHOPHARMACOLOGY)

VOJTECHOVSKY, M.

"On objective evaluation of specific effects of various antidepressive psychopharmacra in prolonged psychotherapy. Activ. nerv. sup. 4 no.2  
231-232 '62.

1. Ustav pro vyzkum vyzivy lidu v Praze.

(PSYCHOTHERAPY) (ANTIDEPRESSIVE AGENTS ther)

VOJTECHOVSKY, M.; VITEK, V.; RYSANEK, K.

Effect of neurohormone precursors from the amino acid group on experimental psychoses induced with Psilocybine. Activ. nerv. sup. 4 no.2:  
243-244 '62.

1. Ustav pro vyzkum vyzivy lidu, Vyzkumný ustav experimentalní terapie  
v Praze-Krci.

(INDOLES toxicol) (HALLUCINOGENS toxicol)  
(DOPA pharmacol) (METHIONINE pharmacol)  
(SEROTONIN pharmacol)

RYSANEK, K.; SMAHEL, O.; SMAHELOVA, R.; VITEK, V.; VOJTECHOVSKY, M.

Effects of some substances on neuroregulatory mechanism. Activ. nerv.  
sup. 4 no.3/4:422-426 '62.

1. Institute för General and Experimental Pathology, Medical Faculty,  
Charles University Institute for Human Nutrition Research Institute  
for Experimental Therapy Chair of Internal Medicine, Institute for  
Postgraduate Medical Training,  
(PSYCHOSES) (BENACTYZINE) (TRANQUILIZING AGENTS) (DYES)  
(TRYPTOPHAN) (SEROTONIN) (MOMOAMINE OXIDASE) (INDOLACETIC ACID)  
(ANTIHISTAMINICS) (HISTAMINE) (REFLEX)

KUHN, E.; VOJTECHOVSKY, M.; HORACKOVA, E.; VAVRINKOVA, H.

Contribution to the neural regulation of fat metabolism in man. Cesk.  
gastroent. vyz. 17 no.3/4:214-222 Ap '62.

1. Ustav pro vyzkum lidu v Praze, reditel doc. MUDr. J. Masek, DrSc.  
(NUTRITION) (SLEEP) (BARBITURATES) (CHLORPROMAZINE)  
(REFLEX CONDITIONED) (MENTAL DISORDERS) (LIPID METABOLISM)

CZECHOSLOVAKIA

M. VOJTECHOVSKY, S. GROJ and V. VITEK, Institute for Nutritional Research (Ustav pro vyzkum vyzivy), Fourth Psychiatry Department Kraj Institute of Public Health (4. Psychiatricka oddeleni UZK (Krajove uzavnu narodniho zdravi), and Institute for Experimental Therapy (Ustav experimentální terapie), Prague.

"Clinical and Experimental Study of Central Effects of Adrenochrome."

Prague, Ceskoslovenska Psychiatrie, Vol 58, No 6, 1963; pp 383-393.

Abstract [ English summary modified]: Synthetic adrenochrome, from one home-made and one imported batch, administered sublingually 15 or 30 mg. to 15 volunteers including 3 psychiatric patients. Psychotic reactions were nearly universal, resembling LSD and psilocybin effects in some of the patients. Comprehensive data from this study tend to confirm hypotheses of Saskatchewan group that schizophrenia is somehow related to metabolic deficiencies of epinephrine breakdown. Table, 2 graphs, 3 Czech, 1 Soviet, 13 Western references.

KUHN, E.; VOJTECHOVSKY, M.; HORACKOVA, E.

Alpha-benzoyl-triethylamine, a new drug with anorexigenic action. Activ. nerv. sup. 5 no.2:167-168 My '63.

1. Ustav pro vyzkum vyzivy lidu, Praha.  
(APPETITE DEPRESSANTS)

CZECHOSLOVAKIA

Vl. VITEK, K. RYSANEK, M. VOJTECHOVSKY and R. VEJDovsky, Experimental Therapy Research Institute (Vyzkumny ustav pro experimentalni terapie) Chair of Internal Medicine of Postgraduate Medical College (Interni katedra UDL), Institute for Research in Human Nutrition, and Tuberculosis Department of Thomayer Hospital (Oddeleni tbc pri Thomayerove nemocnici) Prague.

"Mechanism of Psychotropic Effects of Cycloserine Isomers."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 168-170.

Abstract: Studies on effect on tryptophan metabolism of d-, l-, and racemic cycloserine revealed that the l-isomer has strongest effect. It also had tranquilizing and antidepressant effect in 5 of 8 patients given 50 to 100 mg. thrice daily for 2 to 3 weeks. Five Soviet, 2 Czech (1 unpub.) 3 Western and 1 Japanese reference.

1/1

CZECHOSLOVAKIA

M. VOJTECHOVSKY, E. KUDL and E. HORACKOVA, Institute for Research in Human Nutrition (Ustav pro vyzkum vyzivy lide,) Prague.

"Central Effects of Serotonin Antagonists Lysenyl and Deseril in Clinical Experiments."

Prague, Activitas nervosa synergetica, Vol 5, No 2, May 63; pp 211-213.

Abstract : Comparison of Lysenyl, Deseril and placebo - Lysenyl is weaker but both smoothen out high-voltage EEG waves following hyperventilation in migraineous patients; emetic, anorectic and thymodysleptic effects are about the same. Mesenyl, a newer Czech analog may be less toxic, hence better clinically. EEG, 1 Western and 1 Czech reference.

[1/1]

Vojtechovsky, M.; Rysanek, K.; Vitek, Vl. Technicka spoluprace: Bambasova, Z.; Doubravova, J.; Doubravova, M.

Humoral factors in the etiology of depression following treatment with Rauwolfia alkaloids and in alcoholics. Cesk. Psychiat. 10 no. 2:81-88 Ap'64.

1. Ustav pro vyzkum vyzivy lidu, Praha; Interna katedra UDL, Praha a Vyzkumný ustav experimentalní terapie, Praha.

X

RYSANEK,K.; VITEK,Vl.; VOJTECHOVSKY,M.

Interpretation of the psychostimulating effect of methylene  
blue. Activ. nerv. sup. 6 no.1:74-76 '64.

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VOJTECHOVSKY, M.

Cholinotropic hallucinogens. I. Cas.lek.cesk. 103 no.12:  
50-57 20 Mr'64

1. Ustav pro vyzkum vyzivy lidu v Praze; reditel: prof.dr.  
J. Masek, DrSc.

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I 34708-66  
ACC NRT AP6025225

SOURCE CODE: CZ/0083/65/000/004/0257/0261

AUTHOR: Vojtechovsky, M. (Prague) *25*

ORG: Institute for Human Nutrition, Prague (Ustav pro vyzkum vyzivy lidu) *B*

TITLE: Research in the field of hallucinogens correlated with the theory of the etiopathogenesis of endogenous psychoses. [This paper was presented at the 6th All-State Psychopharmacological Conference held in Jesenik on 8 January 1964.]

SOURCE: Ceskoslovenska psychiatrie, no. 4, 1965, 257-261

TOPIC TAGS: drug, drug effect, psychoneurotic disorder, serotonin, hormone, psychophysiology

ABSTRACT: Drugs that are not hallucinogens but cause various psychoses are discussed. Model depressions caused by various drugs are described. Decrease in the amount of cerebral biogenic amines, mainly of serotonin and norepinephrine, causes symptoms typical of specific mental disorders. The genetic ability to synthesize these compounds determines how an individual will be affected by such drugs. The importance of investigating the effects of various drugs on humans is stressed. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 030

Card 1/1 *7/75*

0916 0591

HOSLOVAKIA

NEK, K.; VOJTECHOVSKY, M.; Chair of Internal Medicine, Institute for  
Graduate Medical Training (Interni Katedra UDL), Prague.

esent Day Knowledge of Catecholamine Metabolism in Relation to the Central  
nervous System."

ague, Ceskoslovenska Fysiologie, Vol 15, No 4, Jul 66, pp 282-295

stract: Biosynthesis and catabolism of catecholamines are reviewed.  
droxylation of phenylalanine in the brain and the discovery of tyrosine  
droxylase are discussed. Nonspecific hydroxylation of phenolic substances  
leading possibly to the biosynthesis of highly active metabolites, and its  
relationship to melanogenesis are described. The occurrence of monoamino-  
cidase in the serum, plasma, and thrombocytes of man is evaluated, and its  
importance in the study of the activity of this enzyme in pathological con-  
ditions is described. Catecholamine metabolites tetrahydropapaveroline  
and dimethoxyphenylethylamine and their biological effects are discussed.  
Figure, 225 Western, 6 Azech references. Submitted at 6 days of Bio-  
chemistry at Hradec Kralove 10-12 Jun 65.

1/1

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CZECHOSLOVAKIA

VOJTECHOVSKY, M.; Laboratory of Experimental Psychopathology, Farmacological Institute, Medical Faculty of Hygiene, Charles University (Laborator pro Experimentalni Psychopatologii, Farmakologicky Ustav Lekarske Fakulty Hygienicke KU), Prague.

"Results of Autoexperiments with Hallucinogens Made by a Psychiatrist."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 5, Oct 66, pp 303 - 308

Abstract /Author's English summary modified/: The author relates subjective experience resulting from administration of LSD, psilocybin, benactyzine, and adrenochrome. He believes that these experiments provide valuable experience in helping to solve some basic problems of comparative psychopathology. Different drugs cause specific individual reactions. 15 Western, 5 Czech references. (Manuscript received 3 Feb 65).

L 29465-66

ACC NR: AP6019984

SOURCE CODE: CZ/0079/65/007/003/0269/0269

AUTHOR: Vojtechovsky, M.ORG: Institute of Human Nutrition, Prague

TITLE: Attempt to differentiate the effects of cycloserine isomers on psychological and physiological functions in healthy humans [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

12  
B

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 269

TOPIC TAGS: pharmacology, man, nervous system drug

ABSTRACT: Experiments were conducted on 6 young healthy women. The intensity of central action was greatest after l-cycloserine (l-CS), dl-CS was second, and d-CS had the weakest effect. l-CS appeared clinically as a strong neuroleptic with a number of inhibitory manifestations. dl-CS appeared to be a powerful psychostimulator with manifestations of inebriation. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 FV